

J1131 U.S. PRO  
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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002 OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCEUTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No. N.C. 82,591

First Inventor Keller

Title METAL NANOPARTICLE THERMOSET AND CARBON  
COMPOSITIONS FROM

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jc931 U.S. PRO  
10/006385  
12/10/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit *an original and a duplicate for fee processing*)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 27] /  
(preferred arrangement set forth below)  
 - Descriptive title of the invention  
 - Cross Reference to Related Applications  
 - Statement Regarding Fed sponsored R & D  
 - Reference to sequence listing, a table,  
 or a computer program listing appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure

4.  Drawing(s) (35 U. S. C. 113) [ Total Sheets 2 ] /

5. Oath or Declaration [ Total Pages ] /  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
 b.  (for continuation/divisional with Box 18 completed)

1.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)

6.  Application Data Sheet. See 37 CFR 1.76

Assistant Commissioner for Patents  
ADDRESS TO: Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a.  Computer Readable Form (CRF)

b. Specification Sequence Listing on:  
 1  CD-ROM or CD-R (2 copies); or  
 11  paper

c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of  
(when there is an assignee)  Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Request and Certification under 35 U.S.C. 122  
(b)(2)(13)(i). Applicant must attach form PTO/SB/35  
or its equivalent.

17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76: Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

Group Art Unit. \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

## CORRESPONDENCE ADDRESS

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or

 Correspondence address below

Name	26384 Naval Research Laboratory, Code 1008.2 PATENT TRADEMARK OFFICE		
Address	4555 Overlook Ave., S.W., Code 1008.2		
	City	State	Zip Code
City	Washington	DC	20375-5320
Country	US	Telephone	Fax
Name (Print/Type)	John J. Karasek		Registration No. (Attorney/Agent) 36,182
Signature			Date 12/10/01

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 740)

## Complete if Known

Application Number	Not yet assigned
Filing Date	December 10, 2001
First Named Inventor	Keller
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	82,591

jc931 U.S. PTO  
10/006385

12/10/01

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account Number 50-0281  Deposit Account Name Naval Research Laboratory  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status, See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> <td></td> <td></td> </tr> <tr> <td>105 130 205 65</td> <td></td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50 227 25</td> <td></td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139 130 139 130</td> <td></td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520 147 2,520</td> <td></td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112 920* 112 920*</td> <td></td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113 1,840* 113 1,840*</td> <td></td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115 110 215 55</td> <td></td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116 400 216 200</td> <td></td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117 920 217 460</td> <td></td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118 1,440 218 720</td> <td></td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128 1,960 228 980</td> <td></td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119 320 219 160</td> <td></td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120 320 220 160</td> <td></td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 280 221 140</td> <td></td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138 1,510 138 1,510</td> <td></td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140 110 240 55</td> <td></td> <td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone 202-404-1552
Signature				Date 12/10/01

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5870  
1008.2  
December 10, 2001

Navy Case No. 82,591

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Keller et al

For: **"METAL NANOPARTICLE THERMOSET AND CARBON COMPOSITIONS FROM  
MIXTURES OF METALLOCENE-AROMATIC-ACETYLENE COMPOUNDS"**

NOTICE TO FILING WITHOUT OATH OR DECLARATION BY APPLICANT

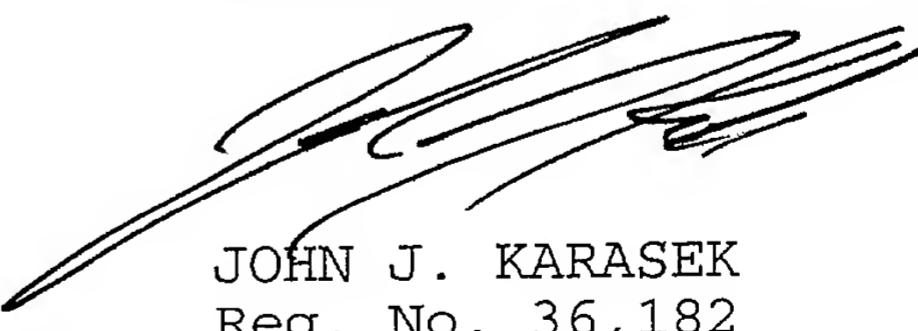
Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Please take notice that this application is being filed pursuant to 37 C.F.R. 153(d) without the oath or declaration of the Applicant. This is being done to secure an early filing date.

Upon the Notice from the Patent Office required by 1.53(d), Applicant will file the required oath or declaration, and pay the surcharge as set forth in 37 C.F.R. 1.16(e).

Respectfully submitted,



JOHN J. KARASEK  
Reg. No. 36,182